| Index of Claims  | Application No. | Applicant(s) |
|--|-----------------|--------------|
| 188181 31811 88118 81118 11818 81111 88183 11888 1181 1881 | 10/626,013      | GUO ET AL    |
|  | Examiner        | Art Unit     |
|  | Nasser Ahmad    | 1772         |

| <b>√</b> | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|----------|----------|---|--------------------------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted                     | 1 | Interference | 0 | Objected |

| Cla      | aim      |  |              |          |  | Date   | •  |          |          | $\Box$   |          | lair    | m            |          |          |          | D        | ate       |          |   |          | ]        | C        | aim            |  |              |  | Ę        | ate      |  |          | _         |          |
|----------|----------|--|--------------|----------|--|--|--|----------|----------|----------|----------|---------|--------------|----------|----------|----------|----------|-----------|----------|---|----------|----------|----------|----------------|--|--------------|--|----------|----------|--|----------|-----------|----------|
|          | <u></u>  | 4  |              |          |  |  |  |          |          |          |          |         | <del>-</del> |          |          |          |          |           |          |   | -        | 1        | l _      | - <del>-</del> |  |              |  |          | ]        |  |          | -         |          |
| Final    | Original | 12/10/04   | 7/7/05       | 3/3/06   |  |  |  |          |          |          | Fina     |         | Original     |          |          |          |          |           |          |   | - 1      |          | Final    | Originat       |  |              |  |          |          |  | - 1      | Ì         |          |
| ΙĒ       | ١٤       | 121  | 111          | 8        |  |  |  | ll       |          |          | iī       |         | 5            |          | ı        | ı        |          |           |          |   |          |          | 正        | <u>5</u>       |  |              |  |          |          | -  |          |           |          |
|          |          | $\Box$   |              |          |  |  |  | Ш        |          | ᆚ        | <u> </u> |         |              | _        | _        | 4        |          | 4         | $\perp$  | 4   |          | 4        | <u> </u> | L              |  |              | $\dashv$   |          | -        | $\dashv$   |          | $\dashv$  | _        |
|          | 1        | ٧  | ٧.           | =        |  | Ш  |  | Ш        |          |          | <u> </u> |         | 51           | -        | _        | _        |          | -         |          | 4   |          | 4        | <u> </u> | 101            |  | Ш            | $\dashv$   |          | -        |  | $\dashv$ | $\dashv$  | _        |
| <u> </u> | 2        | V  | V            | =        |  | _  |  | Н        |          | -        | -        |         | 52           | -        | -        |          |          | -+        | +        | $\dashv$  | +        | -        | -        | 102<br>103     |  | $\vdash$     | -  | $\dashv$ |          | $\dashv$   | -        |           |          |
|          | 3        | V  | <u>v</u>     | =        |  |  |  |          | $\vdash$ | $\dashv$ | $\vdash$ |         | 53<br>54     | $\dashv$ |          | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$  | +        | ┨        | $\vdash$ | 103            |  | $\vdash$     | $\dashv$   | ┥        | $\dashv$ |  | -        | $\dashv$  |          |
| <u> </u> | 5        | ٧<br>  | ٧            | =        |  |  |  | H        | $\dashv$ | $\dashv$ |          | +       | 55           | -        | -        |          | $\dashv$ | $\dashv$  | +        | $\dashv$  |          | ┨        | -        | 105            |  | -            | $\dashv$   | $\dashv$ | ᅱ        |  | $\dashv$ | -         |          |
|          | 6        | v<br>v   | >            | =        |  |  | $\vdash$   | Н        | -        | $\dashv$ | -        | ╁       | 56           | -        | _        | $\dashv$ | -+       | $\dashv$  | $\dashv$ | $\dashv$  | _        | 1        | -        | 106            |  | -            |  |          | $\dashv$ | $\dashv$   | -        | $\dashv$  | _        |
|          | 7        | v<br>v   | v<br>v       | =        |  |  | $\vdash$   | Н        | $\vdash$ | ⊣        |          |         | 57           |          | $\dashv$ | $\dashv$ | 一:       | -         | _        | 十   |          | 1        | -        | 107            |  |              |  |          | $\neg$   | $\neg$   | _        | 寸         | _        |
|          | 8        | v  | Ÿ            | =        |  | Н  |  | $\vdash$ |          |          |          |         | 58           |          | $\dashv$ | $\dashv$ | -        | $\dashv$  | $\dashv$ | _   | _        | 7        |          | 108            |  |              | П  |          | $\neg$   |  |          | $\neg$    |          |
|          | 9        | · v  | v            | =        |  |  |  |          |          | $\dashv$ |          |         | 59           |          | $\neg$   | $\neg$   | $\neg$   | $\dashv$  | $\dashv$ | 十   | $\neg$   | 1        |          | 109            |  |              |  |          | $\neg$   |  | 一        |           |          |
| <u> </u> | 10       | v  | V            | ▔        | _  |  | -  |          |          |          |          | $\top$  | 60           |          | 一        | 7        | $\neg$   | $\exists$ | 寸        | $\neg$  |          | 1        |          | 110            |  |              |  |          | 一        |  | 7        | コ         |          |
|          | 11       | v  | v            | =        | Г  |  |  | П        | $\Box$   |          |          |         | 61           |          | $\neg$   |          |          |           |          | _   |          | ]        |          | 111            |  |              |  |          |          |  | ┚        |           |          |
|          | 12       | v  | v            | =        |  |  |  |          |          |          |          |         | 62           |          |          |          |          |           | $\Box$   |   |          | ]        |          | 112            |  |              |  |          |          |  |          |           |          |
|          | 13       | v  | >            | =        |  |  |  |          |          |          |          |         | 63           |          |          |          |          |           |          |   |          | ]        |          | 113            |  |              |  |          |          |  |          |           |          |
|          | 14       | v  | v            | =        |  |  |  |          |          |          |          |         | 64           |          |          |          |          | $\Box$    | $\bot$   | _].   |          | _        |          | 114            | Щ  | <u> </u>     | Ш  |          |          |  |          |           |          |
|          | 15       | v  | ٧            | =        |  |  |  |          |          |          |          |         | 65           | Ш        | _        |          |          | [         | _        | $\perp$   | _ _      | 4        | <u> </u> | 115            | <u> </u>   | $oxed{oxed}$ | Ш  |          |          |  |          |           |          |
| <u></u>  | 16       | v  | ٧            | =        | L  |  |  | Ш        | Ш        | Ш        | _        | 4       | 66           | $\sqcup$ |          | _        | _        | _         | _        |   | _ _      | 4        |          | 116            | _  |              | Ш  | $\sqcup$ | _        |  | _        | <b></b> ∤ |          |
|          | 17       | v  | v            | =        | _  | ļ  |  | Щ        | Ш        | Ц        | <u> </u> |         | 67           | $\sqcup$ | $\dashv$ |          |          | _         | _        | 4   | -        | -        | <u> </u> | 117            |  | $\vdash$     | Ш  |          | _        | $\Box$   |          |           |          |
|          | 18       | v  | ٧            | =        |  | <u> </u>   | <u> </u>   |          | Ш        | Щ        |          | _       | 68           | $\sqcup$ | _        |          | _        | _         | _ -      |   | $\perp$  | 4        |          | 118            | _  |              | Ш  | -        | _        |  | _        | $\dashv$  | _        |
|          | 19       | ٧  | ٧            | =        |  |  |  | Ш        | Ш        | Ц        |          |         | 69           |          |          | _        | _        | $\dashv$  | -∤-      |   | $\perp$  | 4        |          | 119            | -  | _            |  | _        |          |  |          | $\dashv$  |          |
| ļ        | 20       | ٧  | ٧            | =        |  |  |  |          |          | _        | _        |         | 70           |          | $\dashv$ | $\dashv$ | -        | -         | -        | $\dashv$  |          | -        | -        | 120            | $\vdash$   | _            | $\vdash$   |          | -        | -  | -        |           |          |
|          | 21       | V  | V            | =        | _  | _  | _  |          | -        | $\dashv$ | _        |         | 71           |          | $\dashv$ | $\dashv$ | -        |           | -+       | $\dashv$  | -        | ┨        | $\vdash$ | 121<br>122     | -  |              |  |          | $\dashv$ |  |          | $\dashv$  |          |
|          | 22       | ٧  | ٧            | =        | _  | <u> </u>   |  |          | $\vdash$ | $\dashv$ | -        | 4       | 72<br>73     | -        | $\dashv$ | $\dashv$ | $\dashv$ |           | -+       | $\dashv$  |          | ┨        | -        | 123            | -  | -            |  | _        | $\dashv$ | Н  |          | $\dashv$  |          |
|          | 23       | V  | V            | =        | <u> </u>   |  | -  | H        | Н        | $\dashv$ | -        | +       | 74           | -        |          | $\dashv$ | $\dashv$ | $\dashv$  | +        | $\dashv$  | +        | ┨        | -        | 124            | -  | -            | Н  | $\vdash$ | $\dashv$ | -  | $\dashv$ | $\dashv$  | _        |
|          | 25       | v<br>v   | V            | =        |  | ├  |  | $\vdash$ | Н        | $\dashv$ | -        |         | 75           |          | $\dashv$ | -        | ᅥ        | ᆉ         | ┯-       | -   | $\dashv$ | ┨        |          | 125            | -  | ┢            | Н  | -        |          |  | $\dashv$ | $\dashv$  |          |
|          | 26       | v  | V            | =        |  | ├  | ┢  |          | Н        | Н        | $\vdash$ | +       | 76           |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | ┰        | $\dashv$  | +        | ┨        | -        | 126            | -  | $\vdash$     | Н  | -        |          |  |          | $\neg$    |          |
| _        | 27       | V  | V            | =        | $\vdash$   |  | $\vdash$   | -        | Н        | $\dashv$ |          | 十       | 77           | -        | $\dashv$ | $\dashv$ | $\dashv$ | -         | -+       | 1   | _        | 1        | _        | 127            | <u> </u>   | -            | Н  |          |          | П  |          |           |          |
| -        | 28       | v  | V            | =        |  | $\vdash$   | <del>                                     </del> | $\vdash$ |          | Н        |          |         | 78           |          |          | $\neg$   | $\neg$   | $\neg$    | _        |   | $\dashv$ | 7        |          | 128            |  |              | П  |          |          |  |          |           | -        |
|          | 29       | v  | v            | =        | $\vdash$   | $\vdash$   |  |          | М        |          |          | 十       | 79           | $\neg$   | $\neg$   | $\neg$   |          |           | 寸        | 1   | $\neg$   | 7        |          | 129            |  |              |  |          |          |  |          |           |          |
| <b></b>  | 30       | v  | v            | =        |  |  |  | Г        | П        | П        |          | ┪       | 80           |          | $\neg$   |          |          |           |          |   | $\neg$   |          |          | 130            |  |              |  |          |          |  |          |           |          |
|          | 31       | <del>                                     </del> |              |          |  | Г  | Т  |          |          |          |          |         | 81           |          |          |          | $\neg$   |           |          |   |          |          |          | 131            |  |              |  |          |          |  |          |           |          |
|          | 32       | <u> </u>   |              |          | Г  |  |  |          |          |          |          |         | 82           |          |          |          |          |           |          |   |          |          |          | 132            |  |              |  |          |          |  |          |           |          |
|          | 33       |  |              |          |  |  |  |          |          |          |          |         | 83           |          |          |          |          |           |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          |          | 133            |  | <u> </u>     | Ш  |          |          | _  |          |           |          |
|          | 34       |  |              |          |  |  | 匚  |          |          |          |          | $\perp$ | 84           |          |          |          |          | $ \bot $  |          | $\perp$   |          | _        | <u> </u> | 134            | _  | _            |  |          |          |  |          |           |          |
|          | 35       | L  |              |          |  | L  | _  | <u> </u> | Ш        | Ш        | $\vdash$ |         | 85           | Ш        |          |          |          | _         | _        | _   | _ _      | 4        | <u> </u> | 135            | <u> </u>   | <u> </u>     |  |          |          | Щ  |          |           |          |
|          | 36       | <u> </u>   | <u> </u>     |          | <u> </u>   | L  | _  |          |          |          | $\vdash$ |         | 86           | Ш        | Ш        |          |          | _         | _        | 4   | _        | 4        | _        | 136            | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u> |          | $\vdash$   | $\sqcup$ |           |          |
| <u></u>  | 37       | <u> </u>   | <u> </u>     | _        |  | <u> </u>   | <u> </u>   | <u> </u> | Ш        | Щ        | <u> </u> |         | 87           | Ш        |          |          | _        |           |          |   | +        | 4        | -        | 137            | <u> </u>   | -            | $\vdash$   | <u> </u> | _        | <u> </u>   | $\vdash$ | _         |          |
| <u> </u> | 38       | <u> </u>   | <u> </u>     | <u> </u> | _  | <u> </u>   | <u> </u>   | <u> </u> |          | Ш        | <u> </u> |         | 88           | Ш        | $\sqcup$ | _        | _        |           | -        | _   | _        | 4        |          | 138            | <u> </u>   | <u> </u>     |  | <u> </u> | $\vdash$ |  | Н        |           |          |
| <u> </u> | 39       | <u> </u>   |              |          | <u> </u>   | $\vdash$   | ₩  | ├_       |          | Щ        | $\vdash$ |         | 89           | $\vdash$ |          |          |          | _         |          |   | +        | 4        | -        | 139<br>140     | <del> </del>                                     | -            | $\vdash$   |          |          | -  | $\vdash$ |           |          |
| -        | 40       | <u> </u>   | -            | <u> </u> | -  | ├—   | <b> </b>   | ├        | <u> </u> | Щ        | -        |         | 90           | $\vdash$ | -        |          |          |           | $\dashv$ | $\dashv$  | +        | $\dashv$ | -        | 141            | $\vdash$   | ⊢            | -  | -        | -        | -  | $\vdash$ | $\dashv$  | -        |
| -        | 41       | <u> </u>   | ├-           | <u> </u> |  | -  |  | -        | -        | Н        | -        | +       | 91<br>92     | $\vdash$ |          | -        | -        | $\dashv$  | $\dashv$ |   |          | $\dashv$ | -        | 142            | -  | $\vdash$     | -  | $\vdash$ | $\vdash$ | -  | -        | $\dashv$  | $\vdash$ |
| -        | 42       | -  |              | $\vdash$ | -  |  |  | -        | -        | $\dashv$ | -        |         | 93           | $\vdash$ | $\vdash$ | -        | $\vdash$ | -         | $\dashv$ | -   | -        | $\dashv$ | -        | 143            | -  | $\vdash$     |  | -        | $\vdash$ | <del>                                     </del> | H        | -         | -        |
| $\vdash$ | 44       | -  | <del> </del> | $\vdash$ |  | $\vdash$   | ├  | +-       | -        | $\dashv$ | -        |         | 94           | $\vdash$ | $\vdash$ | $\dashv$ | -        | -         | -+       | $\dashv$  | +        | ┨        | $\vdash$ | 144            | $\vdash$   | H            | <del>                                     </del> | $\vdash$ |          |  | Н        | $\sqcap$  | -        |
| $\vdash$ | 45       | 1-   | $\vdash$     | ┢        | $\vdash$   | $\vdash$   | -  | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$ |         | 95           | Н        | H        |          |          | $\dashv$  | $\dashv$ | $\dashv$  |          | ┪        | <u> </u> | 145            | $\vdash$   | $\vdash$     | <del>                                     </del> | ┢        |          |  | Н        | $\sqcap$  |          |
|          | 46       | <del>  -</del>                                   | <del> </del> |          | $\vdash$   |  | _  | $\vdash$ | $\vdash$ | Н        | $\vdash$ |         | 96           | $\vdash$ | $\vdash$ |          | $\vdash$ |           | -+       | $\dashv$  | +        | ٦.       | -        | 146            | <del>                                     </del> | ╁            | $\vdash$   |          |          |  | Н        |           |          |
| <u> </u> | 47       |  |              | <u> </u> | <del>                                     </del> | <del>                                     </del> | 1  | H        | <u> </u> | Н        |          |         | 97           | $\vdash$ | $\vdash$ |          |          | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | 1        |          | 147            | <del>                                     </del> | Т            | <b>T</b>   |          | $\Box$   |  | М        |           |          |
| <u> </u> | 48       | _  | _            |          |  |  |  |          |          | Н        |          |         | 98           | H        |          |          |          | $\dashv$  | 一        | +   | $\dashv$ | ٦        | <b> </b> | 148            |  | Г            | Т  |          |          |  | П        |           |          |
|          | 49       | $\vdash$   | <u> </u>     | -        | $\vdash$   | T  | $\vdash$   | T        |          | Н        |          |         | 99           | П        |          |          |          |           | 1        | _   | $\neg$   | 7        |          | 149            |  |              |  |          |          |  |          |           |          |
|          | 50       |  |              | Г        |  |  | 1  | T        |          | П        |          |         | 100          | П        |          |          |          |           | $\neg$   |   | , [      |          |          | 150            |  |              |  |          |          |  |          |           |          |